

BISON OIL WELL CEMENTING, INC.



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TREATMENT REPORT

DATE	4-1-12	WELL NAME	KET H20-30D	SECTION	18	TWP	3N	RGE	65W	COUNTY	Weld	FORMATION
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CHARGE TO	Wells	OWNER	
MAILING ADDRESS	OPERATOR	CONTRACTOR	Ensign 136
CITY	DISTANCE TO LOCATION	TIME LEFT LOCATION	12:00pm
STATE ZIP CODE			
TIME ARRIVED ON LOCATION			8:30pm

WELL DATA		PRESSURE LIMITATIONS	
HOLE SIZE	12 1/4	THEORETICAL	INSTRUCTED
TUBING SIZE			
TUBING DEPTH	715		
TUBING WEIGHT	8.78		
TUBING CONDITION			
CASING DEPTH	735		
CASING WEIGHT	2415		
CASING CONDITION	Good		

PRESSURE SUMMARY		TYPE OF TREATMENT	
BREAKDOWN or CIRCULATING	psi	SOFTEN CEMENT	INITIAL BPM
AVERAGE	psi	ACID BREAKDOWN	MINIMUM BPM
ISIP	psi	ACID STIMULATION	MAXIMUM BPM
5 MIN SIP	psi	ACID SPOTTING	AVERAGE BPM
15 MIN SIP	psi	MISC PUMP	
MINIMUM	psi	OTHER	

INSTRUCTIONS PRIOR TO JOB
 Rig up, 5 day mixing, PSI test, Permeameter 40 BPS KCL H2O 2nd test dye
 mix 1/2 pump 315 SPS remainder 30% excess of 127 yielded 15.215 cc until all cement slugs us
 Release Plug Disp 43.9 BPS H2O, Pump Plug at 150psi and 1.1 ft PSI, wait 5 min Release
 PSI, wash up Rig Down
 Drilled w/ 600 SPS cement 4 gal KCL 1622 dye
 JOB SUMMARY
 DESCRIPTION OF JOB EVENTS
 5 day mixing, 16:14pm circ 10:30pm cement 10:37pm stop cement 10:51pm
 Pump Plug 10:53pm Displace 10:53pm

10 BPS at 6.0 BPS/m 10:55pm 250psi
 20 BPS at 6.0 BPS/m 10:57pm 350psi
 30 BPS at 6.0 BPS/m 10:58pm 500psi
 40 BPS at 2.5 BPS/m 11:00pm 350psi
 43.9 BPS at 1.0 BPS/m 11:02pm 300psi
 Pump Plug 11:02pm 580psi

LSW/3335 cement 3 gal KCL 602 dye
 BPS test 1/1